

AMENDMENT TO THE SPECIFICATION

Please replace the paragraph on p. 2, at lines 5-8:

This application is related to my commonly assigned, co-pending application Serial No. , 10/022,497, filed on even date herewith, entitled "Multipath Mitigation Filter" (Attorney Docket No. 2063.001600; Client Docket No. VS-532), now allowed, which is hereby incorporated by reference for all purposes as if expressly set forth *verbatim* herein.

Please replace the paragraph beginning on p. 17, at line 32 and extending to p. 18, line 12, with the following paragraph:

Furthermore, the invention has numerous applications in a wide variety of fields. One such application is disclosed in my commonly assigned, co-pending application Serial No. , 10/022,497, filed on even date herewith, entitled "Multipath Mitigation Filter" (Attorney Docket No. 2063.001600; Client Docket No. VS-532), now allowed, incorporated by reference above. Multipath is a condition wherein received electromagnetic radiation may have propagated over multiple paths, which introduces error or uncertainty in measurements derived from those signals. For instance, a radar signal received after being echoed from an object may have traveled directly and/or indirectly from the object to the receiver. The present invention can be used to mitigate uncertainty or error arising from this phenomenon. Still other applications may become apparent to those skilled in the art having the benefit of this disclosure. For example, the invention may also be used in an image processing application. In this case, x- and y- coordinates are used instead of time and spatial invariance is used instead of time-invariance.

An amended Abstract is submitted herewith on a separate sheet.